

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	4	L14 not L12	US-PGPUB; USPAT	OR	ON	2009/05/28 18:19
L14	8	(L4 L5 L13 L6) and shape	US-PGPUB; USPAT	OR	ON	2009/05/28 18:19
L13	7	(US-20020074575-\$ or US-20020084501-\$ or US-20020153580-\$). did. or (US-6153443-\$ or US-6417561-\$ or US- 6392922-\$ or US- 6297983-\$).did.	US-PGPUB; USPAT	AND	ON	2009/05/28 18:19
L12	4	(L4 L5 L6) and shape	US-PGPUB; USPAT	OR	ON	2009/05/28 18:19
L11	2	JP-2002124717-\$..did.	EPO; JPO; DERWENT	OR	ON	2009/05/28 18:19
L10	269	mtj L9 L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/28 18:19
L9	1990	memory and ((magnet\$3 (ferro?magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3) ) with (sidewall or side?wall or (side adj wall) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 18:19
L8	1386779	sidewall or side?wall or (side adj wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/28 18:19
L7	546	(L4 L5 L6 L3) and shape	US-PGPUB; USPAT	OR	ON	2009/05/28 18:18

L6	9	(US-20020044396-\$ or US-20010025978-\$). did. or (US-6297983-\$). did. or (EP-1248305-\$). did. or (JP-2002124717-\$ or JP-2002009367-\$ or JP-2003243630-\$ or JP-11330585-\$ or JP-2002208682-\$ or JP-10004227-\$).did. or (EP-1248305-\$ or US-5650958-\$ or JP-2002124717-\$ or JP-2002009367-\$ or US-20020093845-\$ or WO-2003069674-\$ or JP-11330585-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/05/28 18:18
L5	2	"6178112".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2009/05/28 18:18
L4	2	"5650958".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2009/05/28 18:18
L3	889	mram L2	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2009/05/28 18:18
L2	8954	(257/421 257/288 257/295 257/422 257/423 257/424 257/425 257/426 257/427 257/414 438/197 ).CCLS.	US-PGPUB; USPAT	OR	ON	2009/05/28 18:18
L1	3	("20020044396" "20010025978" "6297983").pn.	US-PGPUB; USPAT	OR	ON	2009/05/28 18:18
S133	261	mtj S132 S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/07 16:57
S132	1922	memory and ((magnet\$3 (ferro?magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3) ) with (sidewall or side?wall or (side adj wall) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 16:57

S131	1352055	sidewall or side?wall or (side adj wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/07 16:57
S130	84	(S127 S128 S129)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/07 16:57
S129	32	("4103315"   "5014147"   "5315468"   "5549978").PN. OR ("5976713").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/07 16:57
S128	49	(US-5454998-\$ or US- 5567891-\$ or US- 5988512-\$ or US- 6028786-\$ or US- 6039260-\$ or US- 4914412-\$ or US- 4252328-\$ or US- 4354212-\$ or US- 5517112-\$ or US- 5619137-\$ or US- 5629813-\$ or US- 5874886-\$ or US- 6870716-\$ or US- 4310841-\$ or US- 4348683-\$ or US- 4359382-\$ or US- 4444398-\$ or US- 4520409-\$ or US- 4797766-\$ or US- 4889607-\$ or US- 4925742-\$ or US- 5022939-\$ or US- 5193039-\$ or US- 5457752-\$ or US- 5461527-\$ or US- 5572191-\$).did. or (US- 5637392-\$ or US- 5648161-\$ or US- 5702834-\$ or US- 5720012-\$ or US- 5792571-\$ or US- 5831501-\$ or US- 5840420-\$ or US- 5843570-\$ or US- 5976713-\$ or US- 5981442-\$ or US- 5995331-\$ or US- 6028749-\$ or US- 6074743-\$ or US- 6108176-\$ or US- 6111784-\$ or US-	USPAT	AND	ON	2008/12/07 16:57

		6215631-\$ or US-4269117-\$ or US-4268953-\$ or US-4284605-\$ or US-4284904-\$ or US-4327348-\$ or US-4334166-\$ or US-4387136-\$).did.				
S127	9	(US-20020044396-\$ or US-20010025978-\$).did. or (US-6297983-\$).did. or (EP-1248305-\$).did. or (JP-11330585-\$ or JP-10004227-\$ or JP-2003243630-\$ or JP-2002208682-\$ or JP-2002124717-\$ or JP-2002009367-\$).did. or (JP-2002009367-\$ or US-5650958-\$ or JP-11330585-\$ or EP-1248305-\$ or WO-2003069674-\$ or US-20020093845-\$ or JP-2002124717-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/07 16:57
S126	504	(S123 S124 S125 S122) and shape	US-PGPUB; USPAT	OR	ON	2008/12/07 16:57
S125	9	(US-20020044396-\$ or US-20010025978-\$).did. or (US-6297983-\$).did. or (EP-1248305-\$).did. or (JP-2002124717-\$ or JP-2002009367-\$ or JP-2003243630-\$ or JP-11330585-\$ or JP-2002208682-\$ or JP-10004227-\$).did. or (EP-1248305-\$ or US-5650958-\$ or JP-2002124717-\$ or JP-2002009367-\$ or US-20020093845-\$ or WO-2003069674-\$ or JP-11330585-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/12/07 16:57
S124	2	"6178112".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2008/12/07 16:57
S123	2	"5650958".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2008/12/07 16:57

S122	822	mram S119	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2008/12/07 16:57
S121	733	mram tunnel\$3 S119	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2008/12/07 16:57
S120	41	((KATSUMI) near2 (SUEMITSU)).INV.) or ((KUNIKO) near2 (KIKUTA)).INV.)	US-PGPUB; USPAT	AND	ON	2008/12/07 16:57
S119	8518	(257/421 257/288 257/295 257/422 257/423 257/424 257/425 257/426 257/427 257/414 438/197 ).CCLS.	US-PGPUB; USPAT	OR	ON	2008/12/07 16:57
S118	1	"6939722".pn.	US-PGPUB; USPAT	OR	ON	2008/12/04 17:48
S117	1260358	sidewall or side?wall or (side adj wall)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 17:47
S116	1911158	magnet\$5 or ferromagnet \$4 or ferro?magnet\$5	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2008/12/04 17:47
S115	2	"6297983".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/15 11:14
S114	2	"6939722".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/10/15 09:05
S113	7306	S112	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/09/18 19:38
S112	7306	(257/421 257/288 257/295 257/422 257/423 257/424 257/425 257/426 257/427 257/414 438/197 ).CCLS.	US-PGPUB; USPAT	OR	ON	2007/09/18 19:38
S111	1	mu and S107	US-PGPUB; USPAT	OR	ON	2007/09/17 21:52

S110	13	".mu.and" S107	US-PGPUB; USPAT	OR	ON	2007/09/17 21:52
S109	8	shape and S107	US-PGPUB; USPAT	OR	ON	2007/09/17 21:52
S108	9	(rectang\$4 circle circular oval square) and S107	US-PGPUB; USPAT	OR	ON	2007/09/17 21:46
S107	14	(US-20040113175-\$ or US-20030111626-\$ or US-20030068897-\$ or US-20020146851-\$ or US-20020074575-\$). did. or (US-5804458-\$ or US-6178112-\$ or US- 6649953-\$ or US- 6417561-\$ or US- 6153443-\$ or US- 6114719-\$ or US- 5650958-\$ or US- 4566941-\$).did. or (JP- 2003218431-\$).did.	US-PGPUB; USPAT; JPO	AND	ON	2007/09/17 21:45
S106	2461	(rectang\$4 circle circular oval square) and (mram )	US-PGPUB; USPAT	OR	ON	2007/09/17 21:45
S105	2	"20020146851".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 16:37
S104	2	JP-2003218431-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:39
S103	0	JP-200200011281.ap, prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:38
S102	0	JP-2002011281.ap,prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:38
S101	0	JP-20020011281.ap, prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:38

S100	0	JP-20020011281.ap,.prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:38
S99	0	JP-2002011281.ap,.prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:38
S98	64	S97 not (S94 or S93)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:38
S97	172	tunnel\$3 with S90 with S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:36
S96	12557	tunnel\$3 with S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:36
S95	151	S94 not S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:36
S94	218	mtj S89 S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:27
S93	217	gmr S89 S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:27
S91	217	gmr S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:10
S92	80	(spin adj valve) same S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 15:05

S88	11	((magnet\$3 (ferro? magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3) ) with (sidewall or side?wall or (side adj wall) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 11:43
S86	1270232	sidewall or side?wall or (side adj wall)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 11:43
S90	2097269	magnet\$3 (ferro?magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 11:40
S89	1712	memory and ((magnet\$3 (ferro?magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3) ) with (sidewall or side?wall or (side adj wall) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/17 11:40
S85	3680	magnet\$3 (ferro?magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 11:40
S87	0	memory and ((magnet\$3 (ferro?magnet\$3) (ferromagnet\$3) (ferro adj magnet\$3) ) with (sidewall or side?wall or (side adj wall) ))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/17 11:39
S84	7	S81 (S82 or S83)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/02/05 09:49
S83	17	(US-20010025978-\$ or US-20020044396-\$). did. or (US-6297983-\$). did. or (EP-1248305-\$). did. or (JP-2002009367-\$ or JP-2002124717-\$ or JP-2002208682-\$ or JP-11330585-\$ or JP-2003243630-\$ or JP-10004227-\$).did. or (EP-1248305-\$ or JP-2002124717-\$ or US-20020093845-\$ or JP-2002009367-\$ or JP-11330585-\$ or WO-	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/02/05 09:49



		2003069674-\$ or US-5650958-\$).did.				
S82	7	(US-20020074575-\$).did. or (US-6417561-\$ or US-6153443-\$ or US-6114719-\$ or US-5650958-\$ or US-6178112-\$ or US-4566941-\$).did.	US-PGPUB; USPAT	AND	ON	2007/02/05 09:49
S81	628379	planar\$5	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/02/05 09:49
S80	2	"6939722".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/02/05 09:48
S79	2	"6939722".pn.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/02/01 16:36
S78	8	"1248305".pn.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/02/01 16:36
S77	3	"248305".pn.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/02/01 16:35
S76	0	ep-1248305.pn.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/02/01 16:35
S75	0	ep1248305.pn.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2007/02/01 16:35
S74	55	438/712.ccls. S73	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 16:35
S73	3052	S63 same advantag\$4	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 16:09

S62	16	(US-20020093845-\$ or US-20020153580-\$ or US-20020084501-\$ or US-20020074575-\$). did. or (US-6297983-\$ or US-5976713-\$ or US-6313973-\$ or US-6153443-\$ or US-6560135-\$ or US-6338899-\$ or US-6417561-\$ or US-6178112-\$ or US-6114719-\$ or US-5650958-\$ or US-6392922-\$).did. or (US-20020093845-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 16:08
S72	1	" d " S66	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:17
S71	1	aln S66	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:16
S67	2	oxide S66	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:12
S70	1347005	oxide	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:11
S69	6	(aluminum adj (oxide or nitride or carbide)) S62	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:04
S68	6	aluminum adj (oxide or nitride or carbide))( S62	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:04
S66	2	S62 S65	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:04
S65	276366	metal adj (oxide or nitride or carbide)	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:04
S64	5	S63 S62	US-PGPUB; USPAT; DERWENT	AND	ON	2007/02/01 15:03
S63	97160	"rie" or (reactive adj ion adj etch\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/02/01 15:00

S61	1	S54 ("26" same "36")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 19:23
S60	7	S54 (via same (hole or contact))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 17:54
S59	11	S54 via	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 17:54
S58	3	S56 S57	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:44
S57	36393	(interlayer or inter\$layer or (inter adj layer) ) adj insulat\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:44
S49	59800	(interlayer or inter\$layer or (inter adj layer) ) insulat\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:44
S56	6	S55 or S53	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/31 17:42
S55	4	S49 S54	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/31 17:42
S54	16	(US-20020153580-\$ or US-20020084501-\$ or US-20020074575-\$ or US-20020093845-\$). did. or (US-6392922-\$ or US-5650958-\$ or US- 6153443-\$ or US- 6114719-\$ or US- 6417561-\$ or US- 6178112-\$ or US- 6297983-\$ or US- 5976713-\$ or US- 6313973-\$ or US- 6560135-\$ or US- 6338899-\$).did. or (US- 20020093845-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/01/31 17:42
S53	2	S49 S36	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:42

S52	257	S51 S50	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:42
S51	8104	mram	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 17:11
S50	8383	S47 S49	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:11
S48	4	S39 S47	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:09
S47	97062	"rie" or (reactive adj ion adj etch\$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:08
S46	2	S44 S39	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:07
S45	892	S41 S44	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:07
S44	27592	"rie" same reactive	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	OFF	2007/01/31 17:07
S43	2	"6560135".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 16:09
S42	18	S39 S41	US-PGPUB; USPAT	AND	ON	2007/01/31 15:39
S41	10456	(257/421 257/288 257/295 257/422 257/423 257/424 257/425 257/426 257/427 257/414 438/197 257/659 257/211 365/173 365/158 365/55 360/324.1 428/811 ). CCLS.	US-PGPUB; USPAT	OR	ON	2007/01/31 15:39

S40	6516	(257/421 257/288 257/295 257/422 257/423 257/424 257/425 257/426 257/427 257/414 438/197 ).CCLS.	US-PGPUB; USPAT	OR	ON	2007/01/31 15:38
S38	28	("4103315"   "5014147"   "5315468"   "5549978").PN. OR ("5976713").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/01/31 15:33
S39	80	(S36 S37 S38)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/31 15:32
S37	49	(US-5454998-\$ or US- 5567891-\$ or US- 5988512-\$ or US- 6028786-\$ or US- 6039260-\$ or US- 4914412-\$ or US- 4252328-\$ or US- 4354212-\$ or US- 5517112-\$ or US- 5619137-\$ or US- 5629813-\$ or US- 5874886-\$ or US- 6870716-\$ or US- 4310841-\$ or US- 4348683-\$ or US- 4359382-\$ or US- 4444398-\$ or US- 4520409-\$ or US- 4797766-\$ or US- 4889607-\$ or US- 4925742-\$ or US- 5022939-\$ or US- 5193039-\$ or US- 5457752-\$ or US- 5461527-\$ or US- 5572191-\$).did. or (US- 5637392-\$ or US- 5648161-\$ or US- 5702834-\$ or US- 5720012-\$ or US- 5792571-\$ or US- 5831501-\$ or US- 5840420-\$ or US- 5843570-\$ or US- 5976713-\$ or US- 5981442-\$ or US- 5995331-\$ or US- 6028749-\$ or US- 6074743-\$ or US- 6108176-\$ or US-	USPAT	AND	ON	2007/01/31 15:31

		6111784-\$ or US-6215631-\$ or US-4269117-\$ or US-4268953-\$ or US-4284605-\$ or US-4284904-\$ or US-4327348-\$ or US-4334166-\$ or US-4387136-\$).did.				
S36	17	(US-20020044396-\$ or US-20010025978-\$).did. or (US-6297983-\$).did. or (EP-1248305-\$).did. or (JP-11330585-\$ or JP-10004227-\$ or JP-2003243630-\$ or JP-2002208682-\$ or JP-2002124717-\$ or JP-2002009367-\$).did. or (JP-2002009367-\$ or US-5650958-\$ or JP-11330585-\$ or EP-1248305-\$ or WO-2003069674-\$ or US-20020093845-\$ or JP-2002124717-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/01/31 15:30
S1	2	"US 20060261425"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/01/31 15:30
S35	2	"20020093845".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/31 14:48
S34	512	mram tunnel\$3 S18	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 18:33
S21	4	"6178112".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 18:33
S20	2	"5650958".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 17:54
S33	6	(rectang\$4 circle circular oval square) and (S20 S21 S28 S24)	US-PGPUB; USPAT	OR	ON	2007/01/29 17:35

S32	2105	(rectang\$4 circle circular oval square) and (mram )	US-PGPUB; USPAT	OR	ON	2007/01/29 17:35
S31	7704	(rectang\$4 circle circular oval square) and (mram mtj tmr gmr)	US-PGPUB; USPAT	OR	ON	2007/01/29 17:34
S29	8	(S20 S21 S28 S24) and shape	US-PGPUB; USPAT	OR	ON	2007/01/29 17:33
S30	4	S29 not S27	US-PGPUB; USPAT	OR	ON	2007/01/29 17:32
S28	7	(US-20020074575-\$ or US-20020084501-\$ or US-20020153580-\$). did. or (US-6153443-\$ or US-6417561-\$ or US-6392922-\$ or US-6297983-\$).did.	US-PGPUB; USPAT	AND	ON	2007/01/29 17:32
S25	1300171	(S20 S21 "17" S19) and shape	US-PGPUB; USPAT	OR	ON	2007/01/29 17:32
S27	4	(S20 S21 S24) and shape	US-PGPUB; USPAT	OR	ON	2007/01/29 17:28
S26	344	(S20 S21 S24 S19) and shape	US-PGPUB; USPAT	OR	ON	2007/01/29 17:28
S24	17	(US-20020044396-\$ or US-20010025978-\$). did. or (US-6297983-\$). did. or (EP-1248305-\$). did. or (JP-2002124717-\$ or JP-2002009367-\$ or JP-2003243630-\$ or JP-11330585-\$ or JP-2002208682-\$ or JP-10004227-\$).did. or (EP-1248305-\$ or US-5650958-\$ or JP-2002124717-\$ or JP-2002009367-\$ or US-20020093845-\$ or WO-2003069674-\$ or JP-11330585-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2007/01/29 17:27
S23	9	S16 S22	US-PGPUB; USPAT	AND	ON	2007/01/29 17:27
S22	36	((KATSUMI) near2 (SUEMITSU)).INV.) or ((KUNIKO) near2 (KIKUTA)).INV.)	US-PGPUB; USPAT	AND	ON	2007/01/29 17:26

S19	568	mrar S18	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 15:44
S18	6505	(257/421 257/288 257/295 257/422 257/423 257/424 257/425 257/426 257/427 257/414 438/197 ).CCLS.	US-PGPUB; USPAT	OR	ON	2007/01/29 15:44
S17	8095	mrar	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 15:44
S16	1450101	magnetis5	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	AND	ON	2007/01/29 15:43
S15	2	JP-11330585-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:33
S14	2	JP-10004227-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:33
S13	2	JP-2002009367-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:33
S12	2	JP-2002124717-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:33
S5	3	("20020044396" "20010025978" "6297983").pn.	US-PGPUB; USPAT	OR	ON	2007/01/29 15:33
S11	2	JP-2002208682-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:32
S10	2	JP-2003243630-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:32
S9	0	JP-200300243630-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:32
S8	0	JP-20030243630-\$.did.	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:32
S7	7	"1248305"	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:31
S6	13	"243630"	EPO; JPO; DERWENT	OR	ON	2007/01/29 15:30

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